

FIG. 1  
(PRIOR ART)

ANSYS 5.6  
 JUN 29 2000  
 15:48:46  
 NODAL SOLUTION  
 STEP=1  
 SUB=1  
 TIME=1  
 AZ  
 RSYS=0  
 SMN=-.0088  
 SMX=.0088  
 -.008474  
 -.007822  
 -.007171  
 -.005867  
 -.005215  
 -.003911  
 -.003259  
 -.001956  
 -.001304  
 -.435E-13  
 .652E-03  
 .001304  
 .002607  
 .003259  
 .004563  
 .005215  
 .006519  
 .007171  
 .008474

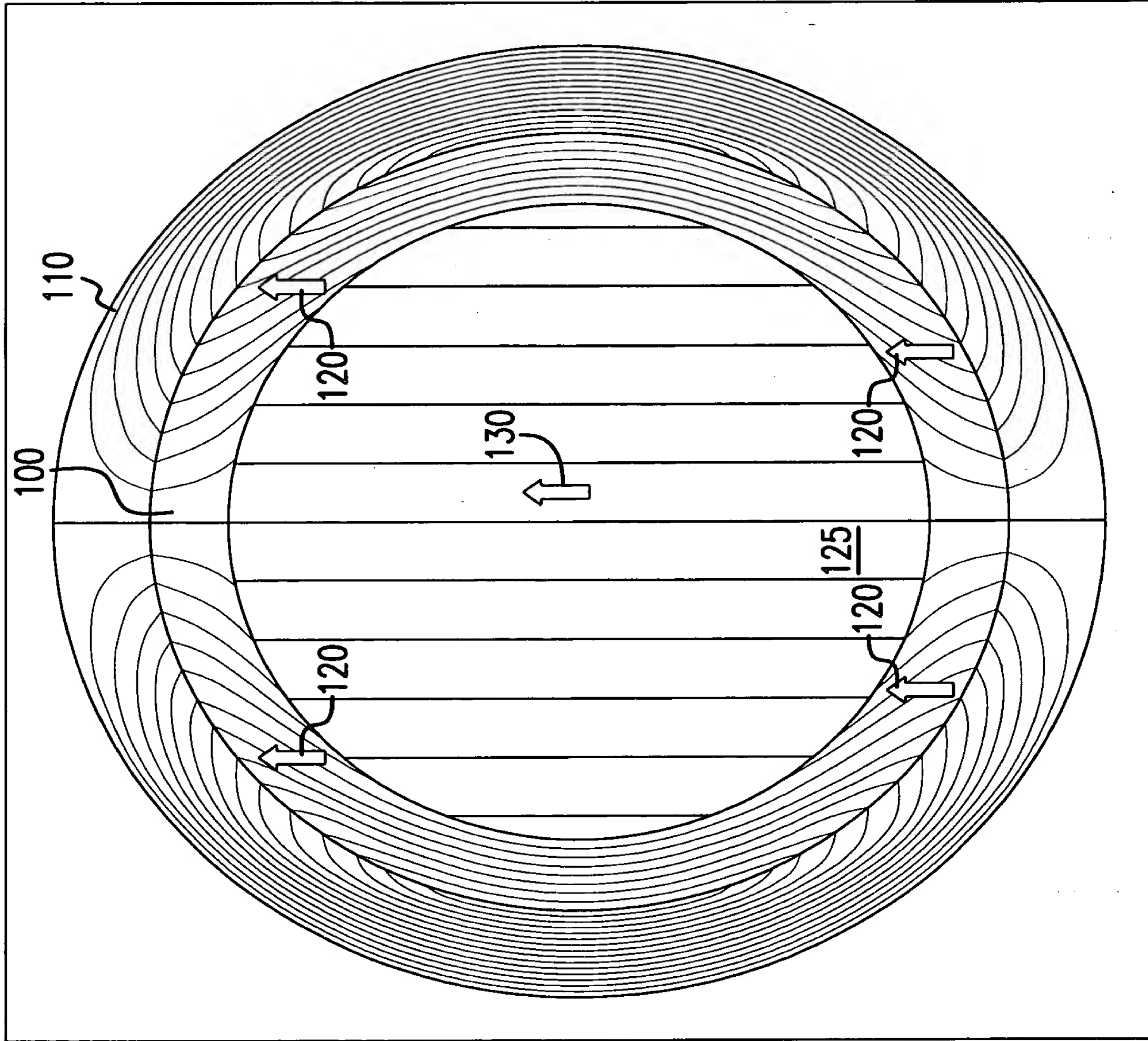
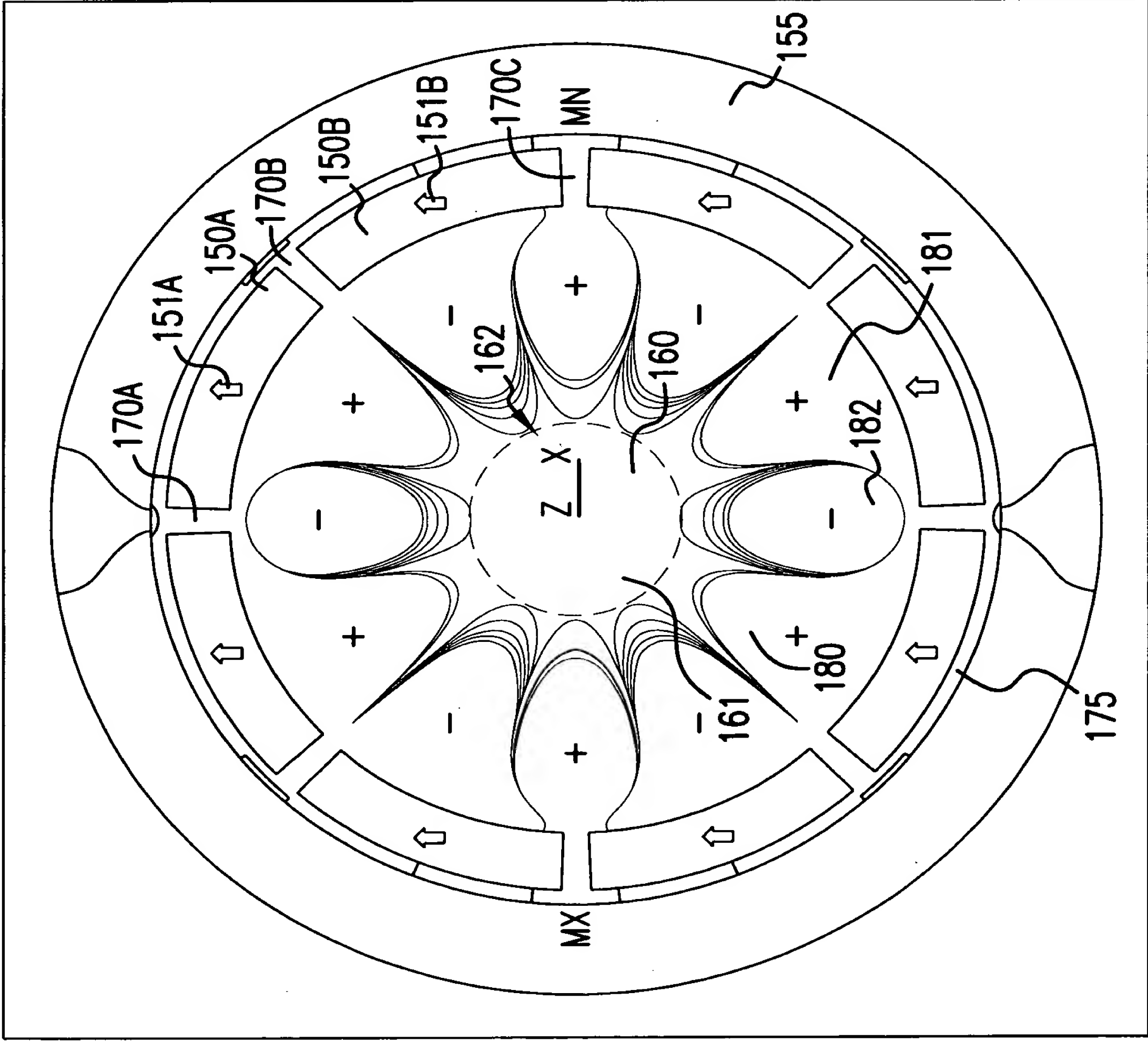


FIG. 2  
 (PRIOR ART)





ANSYS 5.6  
 JUN 28 2000  
 17:30:32  
 NODAL SOLUTION  
 STEP=1  
 SUB=1  
 TIME=1  
 BSUM (AVG)  
 RSYS=0  
 POWERGRAPHICS  
 EFACET=1  
 AVRES=MAT  
 SMN=.257E-04  
 SMX=.902715  
 A=.091037  
 B=.091139  
 C=.091241  
 D=.091342  
 E=.091444  
 H=.091749  
 I=.091851  
 GAP=0.08"

FIG. 4

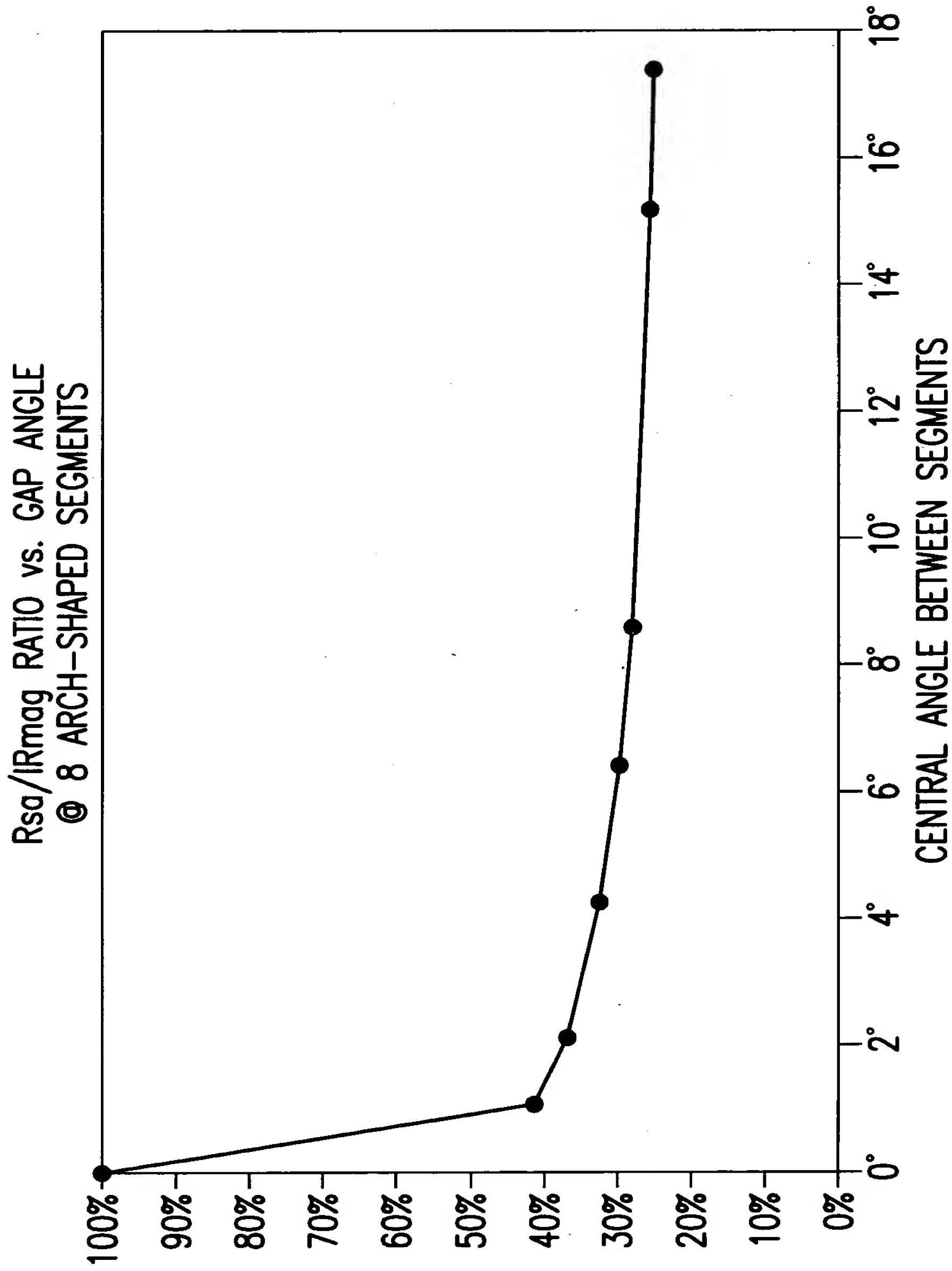
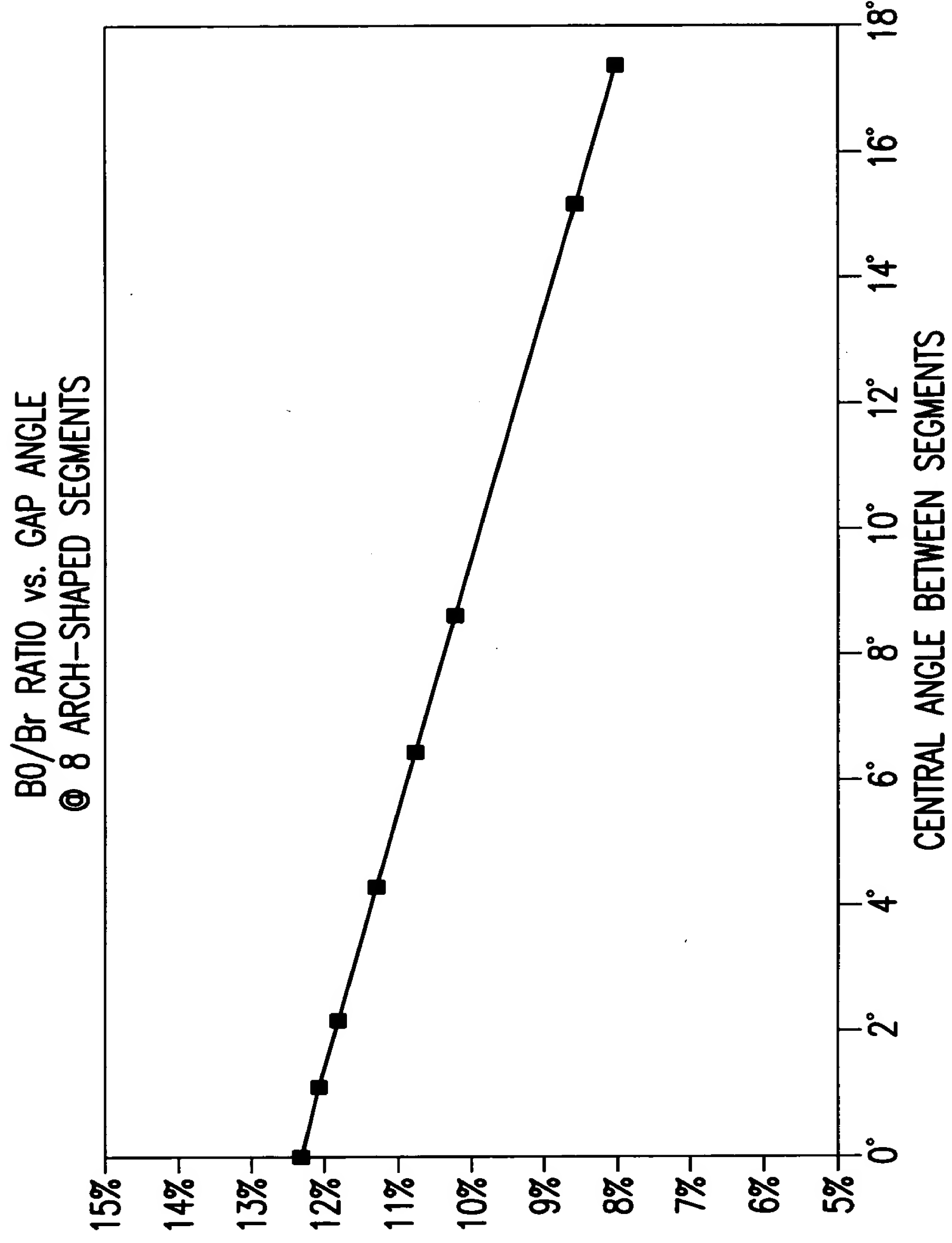


FIG.5



**FIG.6**

ANSYS 5.6  
JUN 29 2000  
13:42:09  
NODAL SOLUTION  
STEP=1  
SUB=1  
TIME=1  
BSUM (AVG)  
RSYS=0  
POWERGRAPHICS  
EFACET=1  
AVRES=MAT  
SMN=.001784  
SMX=.944143  
A=.097469  
B=.097591  
C=.097714  
D=.097836  
E=.097959  
H=.098326  
I=.098448  
Y SEGMENTS x45°  
GAP=0.04"

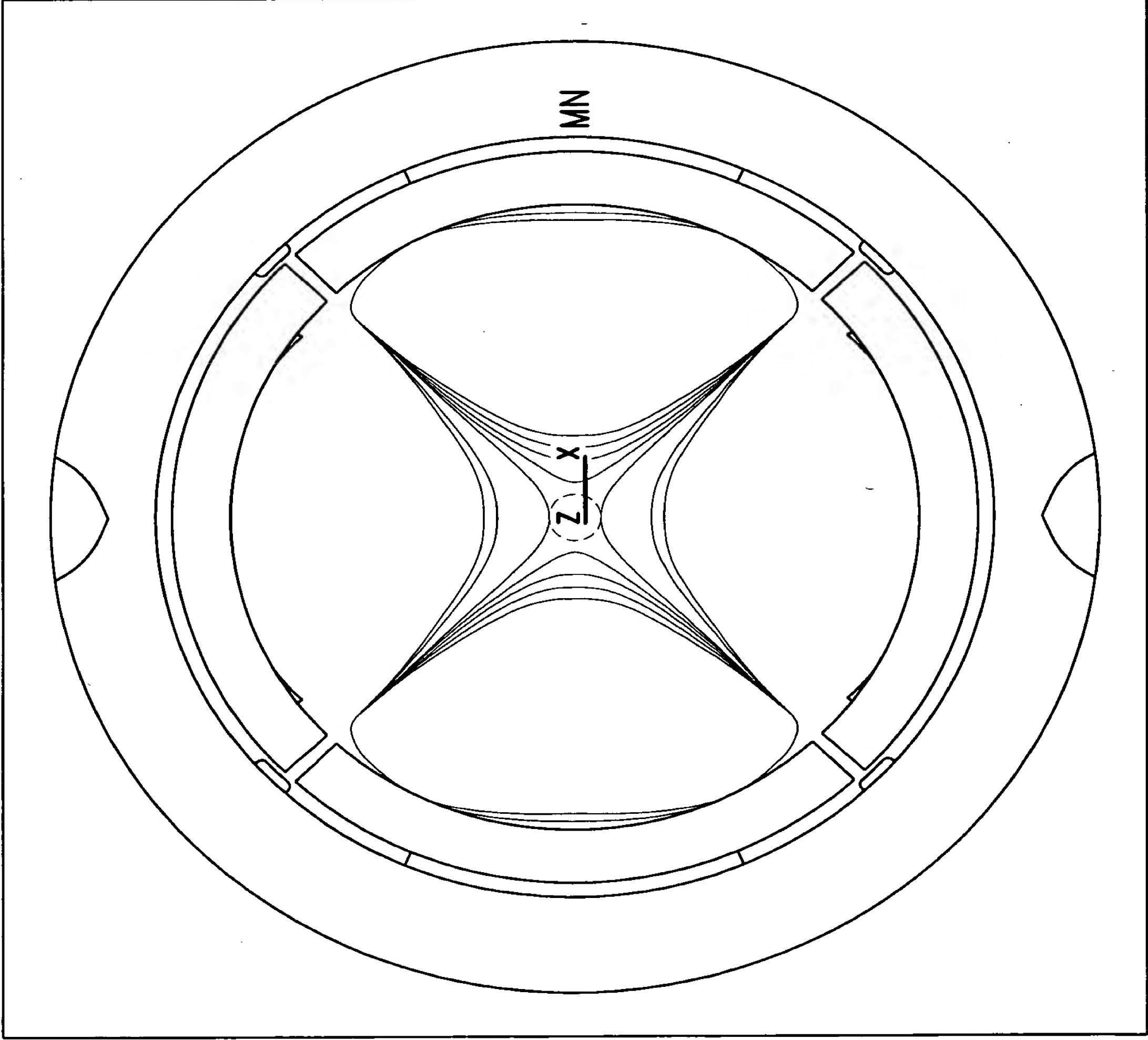
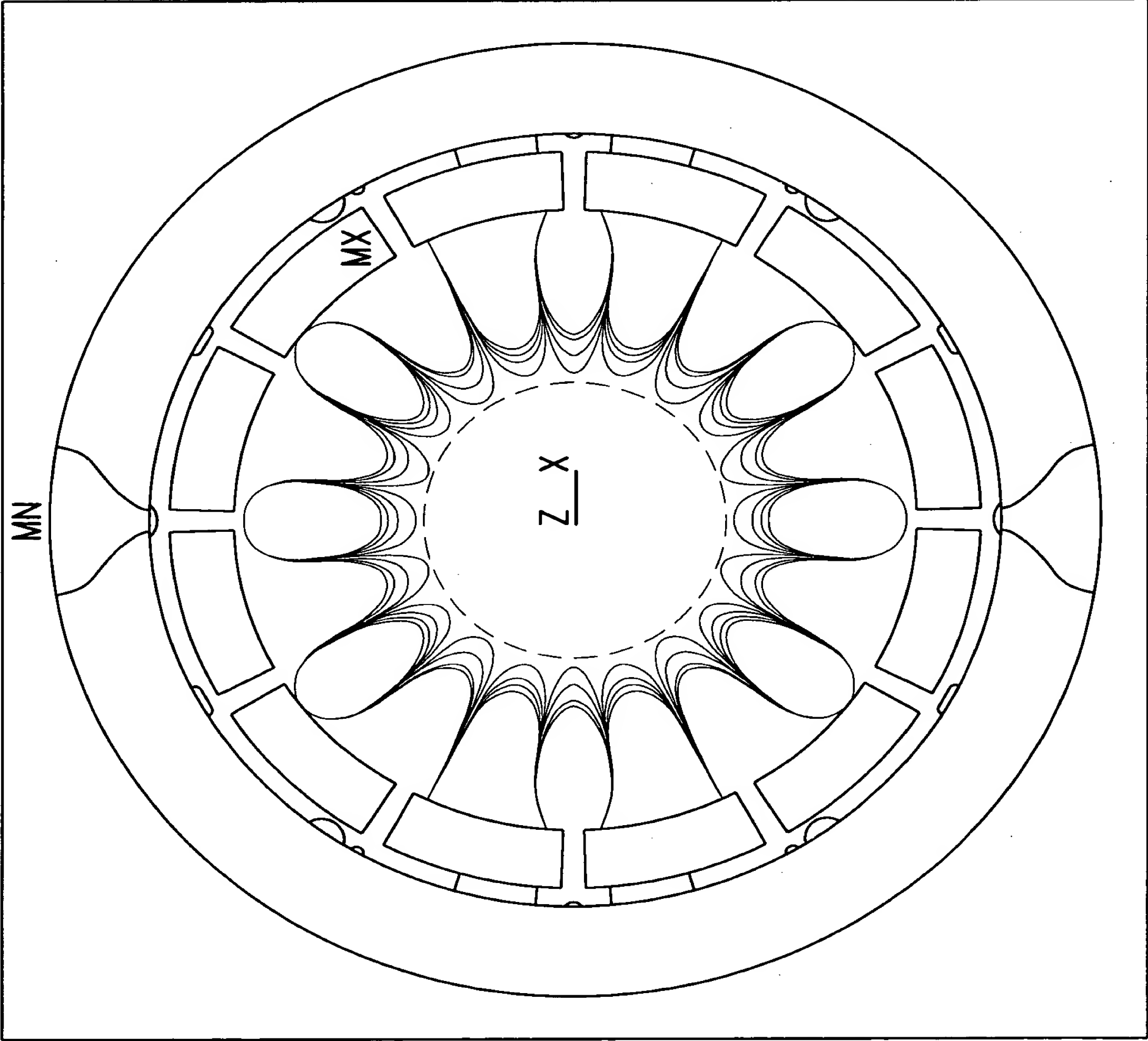


FIG.7



ANSYS 5.6  
JUN 29 2000  
12:15:29  
NODAL SOLUTION  
STEP=1  
SUB=1  
TIME=1  
BSUM (AVG)  
RSYS=0  
POWERGRAPHICS  
EFACET=1  
AVRES=MAT  
SMN=.596E-03  
SMX=.899355  
A=.08683  
B=.08694  
C=.087049  
D=.087158  
E=.087267  
H=.087594  
I=.087703  
12 SEGMENTS  
GAP=0.08"

FIG.8